

Title (en)

Mechanical timepiece provided with means for adjusting the backlash of a wheel

Title (de)

Mechanische Uhr mit Vorrichtung zur Einstellung des Spieles eines Drehteiles

Title (fr)

Pièce d'horlogerie mécanique équipée d'un dispositif de réglage de l'ébat d'un mobile tournant

Publication

**EP 1804142 B1 20090805 (FR)**

Application

**EP 05028552 A 20051228**

Priority

EP 05028552 A 20051228

Abstract (en)

[origin: EP1804142A1] The time piece has an adjustment unit for adjusting a backlash of a balance, whose one of bearings is arranged in a balance bridge (4). The bridge has a base (18) associated with an adjusting screw (34) that has a head (36) resting on a plate (14) and varies the distance between the base and the plate. The screw is pierced in its center for the passage of a clamping screw (32), which fixes the bridge to the plate. The adjusting screw is arranged in a hole (42) traversing the base and is turned through the hole from an upper face (46) of the bridge for adjusting the shake of the balance.

IPC 8 full level

**G04B 31/00** (2006.01); **G04B 35/00** (2006.01)

CPC (source: EP US)

**G04B 17/285** (2013.01 - EP); **G04B 29/022** (2013.01 - EP US); **G04B 31/00** (2013.01 - EP US); **G04B 35/00** (2013.01 - EP US)

Cited by

CH700040A1; FR2987910A1; CH705083A1; EP2565730A1; EP2735921A3; WO2010063129A1; US8641268B2; EP2735921A2; US8961002B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 1804142 A1 20070704; EP 1804142 B1 20090805**; AT E438889 T1 20090815; CN 1991635 A 20070704; CN 1991635 B 20100929; DE 602005015878 D1 20090917; HK 1104940 A1 20080125; JP 2007178431 A 20070712; JP 4987457 B2 20120725; US 2007159931 A1 20070712; US 7287900 B2 20071030

DOCDB simple family (application)

**EP 05028552 A 20051228**; AT 05028552 T 20051228; CN 200610171496 A 20061228; DE 602005015878 T 20051228; HK 07110028 A 20070914; JP 2006347341 A 20061225; US 61698206 A 20061228